Special Issue

Sustainable Electrode Materials for Energy Storage

Message from the Guest Editors

In recent years, the demand for high-performance and environmentally sustainable electrode materials has been rapidly increasing, driven by the urgent need for next-generation batteries and supercapacitors in renewable energy storage and portable electronics. Sustainable electrode materials, including inorganic compounds, hybrid systems, and biomass-derived carbons, play a crucial role in achieving high energy density, long cycling stability, and cost-effectiveness, while minimizing environmental impact. In addition, green and scalable synthesis strategies, as well as computational and theoretical insights, are essential for guiding the design of advanced energy storage systems. This Special Issue, "Sustainable Electrode Materials for Energy Storage," aims to present the most recent advances in the development, characterization, and application of sustainable electrode materials. We welcome contributions in the form of original research articles, reviews, and communications. We look forward to receiving your submissions and to your valuable contribution to this Special Issue.

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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